

Kindly amend the claims as follows:

12. (Amended) Nucleic acid probes having specific binding affinity for at least a part of a gene or nucleic acid derivative thereof having at least [in part] 15 contiguous nucleotides of or at least 30 contiguous nucleotides with at least 60% homology of the following sequence:

GTCTACATGGGTGCTTCCCATTCAGGGGATGAGCTACCTGGAGGATGTGCGGCTCGTACACAGG
GACTTGGCCGCTCGGAACGTGCTGGTCAAGAGTCCCAACCATGTCAAATTACAGACTTCGGGCT
GGCTCGGCTGCTGGACATTGACGAGACAGAGTAGCATGCAGATGGGGGCAAGGTTAGGTGAAGGA
CCAAGGAGCGAGGAGGCTGGGTGGAGTGGTGTCTAGCCCATGGGAGAACTCTGAGTGGCCACCTC
CCCACAACACACAGTTGGAGGACTTCCTCTTCTGCCCTCCAGGTGCCCATCAAGTGGATGGCGC
TGGAGTCCATTCTCCGCCGGCGGTTCACCCACCAGAGTGATGTGTGGAGTTATGGTGTGTGATGG
GGGTGTTGGGAGGGGTGGGTGAGGAGCCATGG.

Claim 13, line 11, before "specific" insert --at least one--, change "probes" to --probe--;

line 12, change "probes" to --probe--.

Claim 14, lines 13 to 16, delete "; or

(b) detecting abnormal expression of the protein product of the gene by reacting a body sample of a human suspected of said cancer with antibodies of claim 5".

16. (Amended) [An amino acid seequence] A nucleotide sequence of the formula:

E3
GTCTACATGGGTGCTTCCCATTCCAGGGGATGAGCTACCTGGAGGATGTGCGGCTCGTACACAGG
GACTTGGCCGCTCGGAACGTGCTGGTCAAGAGTCCAACCATGTCAAATTACAGACTTCGGGCT
GGCTCGGCTGCTGGACATTGACGAGACAGAGTACCATGCAGATGGGGGCAAGGTTAGGTGAAGGA
CCAAGGAGCGAGGAGGCTGGGTGGAGTGGTGTCTAGCCCATGGGAGAACTCTGAGTGGCCACCTC
CCCACAACACACAGTTGGAGGACTTCCTCTTCTGCGCTCCAGGTGCCCATCAAGTGGATGGCGC
TGGAGTCCATTCTCCGCCGGCGGTTACCCACCAGAGTGATGTGTGGAGTTATGGTGTGTGATGG
GGGGTGTGGGAGGGGTGGGTGAGGAGCCATGG

a fragment consisting of at least 15 contiguous nucleotides or at least 30 contiguous nucleotides with at least 60% homology to said sequence thereof or a complimentary DNA (cDNA) homologous to a messenger RNA fragment encoded by a gene having said DNA sequence.

Claim 21, line 1, delete "a".

Kindly add new claim 33.

--33. A cell that contains the vector according to

claim 18.